



15992 U.S. PTO

<b>Vidas, Arrett &amp; Steinkraus</b> <b>Utility Patent Application</b> <b>Transmittal</b>	Atty. Docket No	S63.2-11346-US01																																																		
	First Inventor	Zhang																																																		
	Title:	IMPROVED CATHETER BALLOON MOLD FORM AND MOLDING PROCESS																																																		
	Express Mail Label No.	EV 441613750 US																																																		
<b>Application Elements</b>	<b>Address To:</b>	Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450																																																		
<table><tr><td>1. <input checked="" type="checkbox"/> Fee Transmittal Form</td><td>Pages 1</td></tr><tr><td colspan="2"><input checked="" type="checkbox"/> Check Included</td></tr><tr><td>2. <input type="checkbox"/> Applicant claims small entity status</td><td></td></tr><tr><td>3. <input checked="" type="checkbox"/> Specification (including 0pg cover sheet, 8pg description, 3pg claims and 1pg abstract)</td><td>Pages 12</td></tr><tr><td>4. <input checked="" type="checkbox"/> Drawings</td><td>Pages 4</td></tr><tr><td>5. <input checked="" type="checkbox"/> Oath or Declaration</td><td>Pages 2</td></tr><tr><td colspan="2">a. <input checked="" type="checkbox"/> Newly executed (original or copy)</td></tr><tr><td colspan="2">b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d) (for continuation/divisional with Box 19 completed)</td></tr><tr><td colspan="2">i. <input type="checkbox"/> Deletion of Inventor(s) – signed statement attached deleting inventors named in the prior application</td></tr><tr><td>6. <input checked="" type="checkbox"/> Application Data Sheet</td><td>Pages 6</td></tr><tr><td>7. <input checked="" type="checkbox"/> Assignment Papers (cover sheet &amp; documents and check)</td><td>Pages 3</td></tr><tr><td colspan="2"><input type="checkbox"/> Previously recorded on , Reel , Frames</td></tr><tr><td>8. <input checked="" type="checkbox"/> Power of Attorney</td><td>Pages 1</td></tr><tr><td><input checked="" type="checkbox"/> 37 C.F.R. 3.73(b) Statement (when there is an assignee)</td><td>Pages 4</td></tr><tr><td>9. <input type="checkbox"/> English Translation Document</td><td>Pages</td></tr><tr><td>10. <input type="checkbox"/> Information Disclosure Statement</td><td>Pages</td></tr><tr><td colspan="2"><input type="checkbox"/> Copies of Citations ( references)</td></tr><tr><td>11. <input type="checkbox"/> Preliminary Amendment</td><td>Pages</td></tr><tr><td>12. <input checked="" type="checkbox"/> Return Receipt Postcard</td><td>Pages 1</td></tr><tr><td>13. <input type="checkbox"/> Certified Copy of Priority Document</td><td>Pages</td></tr><tr><td>14. <input type="checkbox"/> Nonpublication Request</td><td>Pages</td></tr><tr><td>15. <input checked="" type="checkbox"/> Constructive Petition</td><td>Pages 1</td></tr><tr><td>16. <input checked="" type="checkbox"/> Limited Authorization</td><td>Pages 1</td></tr><tr><td>17. <input checked="" type="checkbox"/> VAS Utility Patent Application Transmittal</td><td>Pages 1</td></tr><tr><td>18. <input type="checkbox"/> Other</td><td>Pages</td></tr></table>			1. <input checked="" type="checkbox"/> Fee Transmittal Form	Pages 1	<input checked="" type="checkbox"/> Check Included		2. <input type="checkbox"/> Applicant claims small entity status		3. <input checked="" type="checkbox"/> Specification (including 0pg cover sheet, 8pg description, 3pg claims and 1pg abstract)	Pages 12	4. <input checked="" type="checkbox"/> Drawings	Pages 4	5. <input checked="" type="checkbox"/> Oath or Declaration	Pages 2	a. <input checked="" type="checkbox"/> Newly executed (original or copy)		b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d) (for continuation/divisional with Box 19 completed)		i. <input type="checkbox"/> Deletion of Inventor(s) – signed statement attached deleting inventors named in the prior application		6. <input checked="" type="checkbox"/> Application Data Sheet	Pages 6	7. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & documents and check)	Pages 3	<input type="checkbox"/> Previously recorded on , Reel , Frames		8. <input checked="" type="checkbox"/> Power of Attorney	Pages 1	<input checked="" type="checkbox"/> 37 C.F.R. 3.73(b) Statement (when there is an assignee)	Pages 4	9. <input type="checkbox"/> English Translation Document	Pages	10. <input type="checkbox"/> Information Disclosure Statement	Pages	<input type="checkbox"/> Copies of Citations ( references)		11. <input type="checkbox"/> Preliminary Amendment	Pages	12. <input checked="" type="checkbox"/> Return Receipt Postcard	Pages 1	13. <input type="checkbox"/> Certified Copy of Priority Document	Pages	14. <input type="checkbox"/> Nonpublication Request	Pages	15. <input checked="" type="checkbox"/> Constructive Petition	Pages 1	16. <input checked="" type="checkbox"/> Limited Authorization	Pages 1	17. <input checked="" type="checkbox"/> VAS Utility Patent Application Transmittal	Pages 1	18. <input type="checkbox"/> Other	Pages
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19. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment or in an Application Data Sheet																																																				
<input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part Of prior application no.																																																				
Prior Application Information: Examiner Group Art Unit																																																				
For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference.																																																				
20. TOTAL NUMBER OF PAGES 37																																																				
21. CORRESPONDENCE ADDRESS																																																				
<b>CUSTOMER NUMBER 490</b>																																																				
Name	Walter J. Steinkraus, Reg. No. 29,592																																																			
Signature		Date 4/19/2004																																																		

19270 U.S. PTO  
10/827494



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# FEE TRANSMITTAL for FY 2004

Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 828.00)

## METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None  
☒ Deposit Account:

Deposit Account Number: 22-0350

Deposit Account Name: Vidas, Arrett &amp; Steinkraus

The Commissioner is authorized to: (check all that apply)

☐ Charge the fee(s) indicated below ☒ Credit any overpayments☐ Charge any additional fee(s) during the pendency of this application☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
1001	770	2001	385	Utility filing fee	\$770.00
1002	340	2002	170	Design filing fee	----
1003	530	2003	265	Plant filing fee	----
1004	770	2004	385	Reissue filing fee	----
1005	160	2005	80	Provisional filing fee	----

SUBTOTAL (1) (\$ 770.00)

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
21	-20** = 1	X \$18.00	= 18.00
Independent Claims	3	-3** = 0	X ---- = ----
Multiple Dependent			

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 18.00)

\*\* or number previously paid, if greater; For Reissues, see above

## Complete if Known

Application Number	Not Assigned Yet
Filing Date	Concurrently Herewith
First Named Inventor	Zhang
Examiner Name	Not Yet Assigned
Art Unit	Not Yet Assigned
Attorney Docket No.	S63.2-11346-US01

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge-late filing fee oath	----
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	----
1053	130	1053	130	Non-English specification	----
1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination	----
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	----
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	----
1251	110	2251	55	Extension for reply within first month	----
1252	420	2252	210	Extension for reply within second month	----
1253	950	2253	475	Extension for reply within third month	----
1254	1,480	2254	740	Extension for reply within fourth month	----
1255	2,010	2255	1,005	Extension for reply within fifth month	----
1401	330	2401	165	Notice of Appeal	----
1402	330	2402	165	Filing a brief in support of an appeal	----
1403	290	2403	145	Request for oral hearing	----
1451	1,510	1451	1,510	Petition to institute a public use proceeding	----
1452	110	2452	55	Petition to revive - unavoidable	----
1453	1,330	2453	665	Petition to revive - unintentional	----
1501	1,330	2501	665	Utility issue fee (or reissue)	----
1502	480	2502	240	Design issue fee	----
1503	640	2503	320	Plant issue fee	----
1460	130	1460	130	Petitions to the Commissioner	----
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	----
1806	180	1806	180	Submission of Information Disclosure Stmt	----
8021	40	8021	40	Recording of each patent assignment per property (times number of properties)	\$40.00
1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	----
1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))	----
1801	770	2801	385	Request for Continued Examination (RCE)	----
1802	900	1802	900	Request for expedited examination of a design application	----
Other fee (specify) _____					
*Reduced by Basic Filing Fee Paid					
SUBTOTAL (3)					(\$ 40.00)

## SUBMITTED BY

Name (Print/Type)	Walter J. Steinkraus	Registration No.	29,592	Telephone	952-563-3000
Signature				Date	04/19/2004

## Complete (if applicable)

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	Zhang et al
Application No.:	Not Assigned
Filed:	Not Assigned
For:	IMPROVED CATHETER BALLOON MOLD FORM AND MOLDING PROCESS
Group Art Unit:	Not Assigned

Mail Stop \_\_\_\_\_  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Docket No.: S63.2B-11346-US01

**CONSTRUCTIVE PETITION FOR EXTENSION OF TIME AND FEE  
AUTHORIZATION PURSUANT TO 37 C.F.R. §1.136(a)(3)**

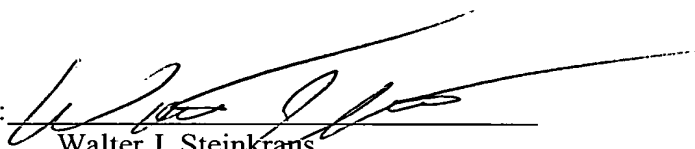
Applicant hereby requests that the United States Patent and Trademark Office treat any concurrent or future reply requiring a petition for an extension of time pursuant to §1.136 for its timely submission as incorporating therein a petition for an extension of time for the appropriate length of time.

Applicant authorizes the Commissioner of Patents and Trademarks to charge all required extension of time fees that have not otherwise been paid to Deposit Account No. 22-0350.

Respectfully submitted,

VIDAS, ARRETT & STEINKRAUS

Date: 7/14/2004

By:   
Walter J. Steinkraus  
Registration No.: 29592

6109 Blue Circle Drive, Suite 2000  
Minnetonka, MN 55343-9185  
Telephone: (952) 563-3000  
Facsimile: (952) 563-3001

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LIMITED AUTHORIZATION TO ACT ON BEHALF OF ASSIGNEE  
REGARDING CERTAIN PATENT MATTERS  
EFFECTIVE THROUGH: December 31, 2004


\*\*\*\*\*

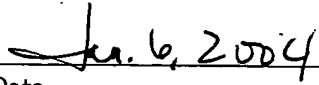
I, Paul W. Sandman, as Senior Vice President, Secretary, and General Counsel of Boston Scientific Corporation, the controlling corporation of:

AMS Medinvent S.A.; Boston Scientific BV; Boston Scientific Corporation Northwest Technology Center, Inc.; Boston Scientific Ireland Limited; Boston Scientific Japan KK; Boston Scientific Limited; Boston Scientific Scimed, Inc. (formerly known as Schneider (USA), Inc.); Cardiovascular Innovations Canada, Inc.; Corvita Canada, Inc.; Corvita Corporation; Corvita Europe S.A.; EP Technologies, Inc.; Laboratoires Corvita S.A.R.L.; Meadox Medicals, Inc.; NAMIC Eireann Limited; NAMIC International, Inc.; Nilo Holding, S.A.; Schneider (Europe) GmbH; Schneider Belgium NV; Schneider Holland BV; Schneider Ireland BV; Schneider Puerto Rico (formerly known as NAMIC Caribe, Inc.); Schneider/NAMIC; Scimed Life Systems, Inc.; Symbiosis Corporation; Target Therapeutics, Inc.; Cardiac Pathways Corporation; Interventional Technologies, Inc.; Embolic Protection, Inc.; Quantum Corporation; Smart Therapeutics, Inc.; Radio Therapeutics Corporation; Catheter Innovations Corp.; Enteric Medical Technologies, Inc.; BEI Medical Systems; Heart Technologies; Vesica; and Inflow Dynamics Inc.;

hereby authorize the following registered patent attorneys/agents (1) to act on behalf of any of the corporations identified above, including Boston Scientific Corporation, with regard to any matters before the United States Patent and Trademark Office, any foreign patent offices, and any international patent entities, (2) to execute power of attorney documents on behalf of any of the corporations identified above, including Boston Scientific Corporation, to appoint and/or establish any attorneys, agents, and/or law firms to act on behalf of any of the corporations identified above, including Boston Scientific Corporation, in any foreign or international patent applications filed with any foreign and/or international patent offices, and (3) to execute assignment and ownership documents on behalf of any of the corporations identified above, including Boston Scientific Corporation, with regard to any matters before the United States Patent and Trademark Office, any foreign patent offices, and any international patent offices:

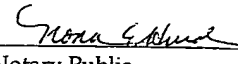
Scott T. Bluni .....	Reg. No. 40,916
James R. Chiapetta.....	Reg. No. 39,634
Luke R. Dohmen .....	Reg. No. 36,783
Peter J. Gafner .....	Reg. No. 36,517
Albert K. Kau.....	Reg. No. 40,672
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Todd P. Messal.....	Reg. No. 42,883
Robert M. Rauker.....	Reg. No. 40,782
William J. Shaw .....	Reg. No. 43,111

  
\_\_\_\_\_  
Paul W. Sandman  
Senior Vice President, Secretary, and General Counsel

  
\_\_\_\_\_  
Date

COMMONWEALTH OF MASSACHUSETTS )  
 ) ss.  
COUNTY OF MIDDLESEX )

On this 6<sup>th</sup> day of January, 2004 before me personally appeared Paul W. Sandman to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes set forth herein.

  
\_\_\_\_\_  
Notary Public  
NOTARY PUBLIC

My commission expires Sept 18, 2009